

LOCAL RESOURCES

- **Arizona Association of Environmental Education:** A group dedicated to furthering environmental education in Arizona classrooms, they meet and discuss ways to develop sustainable initiatives across the state. They also offer an EE certification.
<http://www.arizonaee.org/>
- **Arizona Department of Environmental Quality, Local Recycling Programs:** Links to every recycling program available in Arizona, organized by city/town and county.
<https://www.azdeq.gov/environ/waste/solid/recycle.html#amrd>
- **Arizona Forward, Homepage:** Formerly Valley Forward, Arizona Forward focuses on bringing business and civic leaders together to improve the environmental sustainability and economic vitality of the place we call home. There are regional councils, dedicated committees, and a plethora of fantastic events. A truly fantastic resource!
<http://www.valleyforward.org/>
- **Arizona Game & Fish, Education Portal:** Get the latest information about education on all of their programs, from wildlife to trapping to hunting. You can also make requests for outreach personnel to come to you! <https://azgfdportal.az.gov/Education>
- **Arizona Recycling Coalition, Homepage:** A membership-based, nonprofit organization dedicated to promoting waste reuse, reduction, and recycling throughout Arizona. They host exciting meetings, like at Bashas' recycling center or at Coca-Cola, and offer interesting tours, like the Amazon Fulfillment Center tour. And they just added student membership! Don't forget to check out their scholarships!
<http://arizonarecyclingcoalition.com/>
- **Arizona SciTech Festival, Homepage:** statewide celebration of STEM held annually in February and March with hundreds of events. Either host an event yourself or attend one of the many in your area. There are wonderful partners, such as universities or tech giants like Intel, and the Festival also offers numerous workshops on how to have effect programs.
<http://azscitech.com/>
- **Arizona-Sonora Desert Museum, Teacher Resources:** Explorer's guides; teacher packets for classes, labs, quests, and amphitheater programs; general Sonoran Desert information and digital library. A world-renowned institution with fantastic educational programs.
<https://www.desertmuseum.org/center/edu/resources.php>
- **Arizona State Parks:** Sometimes overlooked, our state parks offer a wealth of resources including their trails program, cave tours, AZ Family Campout Program, educational resources, and volunteer opportunities. Find the nearest park to you and contact them today!
<http://azstateparks.com/index.html>
- **The Art Resource Center, Homepage:** The ARC collects reusable discards from individuals and industries and offers them free of charge to schools and other nonprofits for the purpose of making art.
<http://www.artresourcecenter.org/>
- **Desert Botanical Garden, Education & Programs:** Adult classes & trips; kids camp & programs; field trips & self-guided tours; digital learning for students and teachers (an incredible resource!); desert landscape school; and scholarships! A very unique organization with a wealth of information and resources!
<http://www.dbg.org/education-programs>
- **Earth 911, Recycling Center Search & Recycling Guides:** Have something to recycle? Find out how and where!
<http://www.earth911.com/recycling-center-search-guides/>
- **Keep Arizona Beautiful, Homepage:** Empowers citizens across Arizona to care for their environment through litter prevention, recycling, and beautification. On their website you can find the Arizona Litter Hotline, programs, partners, resources, news, events, and more!
<http://kazb.org/>
- **Keep Phoenix Beautiful, Homepage:** Receiving major funding from the City of Phoenix Public Works Department, KPB has numerous exciting initiatives with a ton of educational resources. Evelyn Brumfield, their Educational Program Manager, is a phenomenal resource and powerful speaker. Tiffany Hilburn, the Special Events Director, puts on wonderful events. Check out their pages for a wealth of resources and look into their projects/funding!

<http://www.keepphxbeautiful.org/>

- **Local First Arizona, Homepage:** One of the largest gatherings of local businesses in the country, Local First AZ promotes buying local. Need items for a giveaway or for an educational STEM night? Check out local businesses first and see if you can't find a sustainable alternative to traditional resources. It's a win/win situation for everyone involved!
<http://www.localfirstaz.com/>
- **Phoenix Zoo, School & Teacher Programs:** Even if your classroom is not able to go to the zoo for their fantastic educational programs, the zoo can come to you, or they can provide outstanding resources!
<http://phoenixzoo.org/camps-programs/school-teacher-programs/>
- **ReCommunity, Educational Resources:** Education station with virtual tour of Materials Recovery Facility, lesson plans, educational videos, infographic posters, links to additional resources, and a list of defined recycling terms. This is the company that processes many of the recyclables in Arizona!
<http://www.recommunity.com/education/>
- **Treasures 4 Teachers, Homepage:** a member based resource and supply store serving the educators of Arizona. This means that anyone who works closely with students can have access to a wide selection of materials, resources, and training that will enhance and expand the learning process at a discounted cost!
<http://www.treasures4teachers.org/>
- **United Fibers, Education Center:** Find out how you can recycle textiles on campus to potentially earn some extra money for your school! Also, United Fibers offers tours of its incredible recycling plant that includes textile recycling so check them out if you are in the Phoenix area!
<http://www.unitedfibers.com/index.html>
- **The University of Arizona, Environmental and Sustainability Portal:** A great resource for current research in the field of sustainability. Find out about current outreach projects and access curricula for K-12.
<http://www.portal.environment.arizona.edu/>

NATIONAL & INTERNATIONAL RESOURCES

- **Captain Planet Foundation, Homepage:** Atlanta-based; supports high-quality, hands-on environmental stewardship projects that have enabled more than 1.1 million youth across the U.S. and around the world to make environmental improvements at their schools. They have a small grants program and tons of resources available online.
<http://captainplanetfoundation.org/>
- **Center for Health, Environment, & Justice, Homepage:** Helps you and your community if you are facing an environmental health risk. From a leaking landfill to polluted drinking water to incinerators and hazardous waste. They can help you take action towards a healthier future! They also offer fantastic webinars online and host a number of great resources, including campaign materials, trainings, technical assistance, publications, news archive, and a blog.
<http://chej.org/>
- **Earth911, "Teaching Kids to Recycle":** A fantastic article with tips and tricks for getting kids involved with recycling at home and around the city!
<http://www.earth911.com/home-garden/teaching-kids-to-recycle/>
- **Earth Team Lesson Plan, "How to Run a Waste Audit at School":** Interested in starting a recycling program but don't know where to start? Establishing a baseline with a waste audit is a crucial step to assessing the problem areas at your school and for creating goals. This lesson plan is a great way to get you started!
http://schools.stopwaste.org/images/stories/Documents/How_to_Run_A_Waste_Audit_2010-11.pdf
- **Eek World Lesson Plan, "Recycling: Reduce, Reuse, Recycling":** Students will learn about RRR behavior, read labels, and connect environmental concepts to everyday experiences. They will also perform a skit to highlight what they learned about taking action to conserve. A great introductory lesson plan!
http://www-tc.pbskids.org/eekoworld/parentsteachers/pdfs/lessonk_1.pdf
- **Environmental Protection Agency, Learning and Teaching about the Environment:** K-12 resources for homework help, awards/contests, games, quizzes, videos, classroom resources, project ideas, community service project ideas, science fair project ideas, grants, professional development, EE publications, educator awards, children's health and the environment, etc. A truly amazing resource!

<http://www2.epa.gov/students>

- **Environmental Protection Agency, “Service-Learning”:** An entire packet dedicated to having students learn by doing green projects in the community. It covers everything from what is service-learning to how to get volunteers to successful programs in other cities.
<http://www.epa.gov/osw/education/pdfs/svclearn.pdf>
- **The Green Schools Alliance, Homepage:** The GSA provides tools to manage change and it is an international association of sustainable schools that fosters collaboration among schools/districts to help them set and meet their individual and collective sustainability goals. They are a wonderful support system!
<http://www.greenschoolsalliance.org/about-us>
- **“I want to be recycled”, Homepage:** Keep America Beautiful’s campaign for recycling. Includes great videos, games, how to start a movement guides, and more. A nicely done, modern program!
<http://iwanttoberecycled.org/>
- **Keep America Beautiful, Homepage:** leading nonprofit that brings together people to build and sustain vibrant communities. With a powerful network of community-based affiliates, they work with millions of volunteers who take action in their communities to transform public spaces into beautiful places. Look online for events, media center, sponsors, grants, programs, affiliate resources, awards, etc.!
<http://www.kab.org/site/PageServer?pagename=index>
- **Kids Recycle! Homepage:** For kids there are news links, make a poster, and make a cool song. For teachers they have waste reduction tips, recycling information, composting/vermin-composting instructions, special topics, pollution prevention, and links to green school resources. Lots of great tools for zero waste schools!
<http://kidsrecycle.org/>
- **National Environmental Education Week, Greening STEM Educator Toolkits:** The National Environmental Education Foundation has a lot of fantastic resources available on their website, including these kits, which are free to educators. They have innovative ways to connect students to technology and how to bring technology outdoors with your students.
<http://eeweeek.org/greening-stem-educator-toolkits>
- **National Geographic, Gyre Expedition Journal Entry:** Great source material to start a discussion on the overuse of plastics and the current disposal method of those plastics.
<http://voices.nationalgeographic.com/2013/06/11/gyre-expedition-day-2-part-ii-sunday-june-9/>
- **National Geographic, Kids Green Tips:** A great article full of green tips for kids!
<http://kids.nationalgeographic.com/explore/science/green-tips/>
- **National Geographic, Teaching Resources:** Everything from an interactive globe to mapping and hundreds of videos spanning dozens of topics. Nobody does it quite like Nat Geo does, and it’s all free! Bonus: they have a whole STEM section!
http://education.nationalgeographic.com/education/?ar_a=1
http://education.nationalgeographic.com/education/stem-education/?ar_a=1
- **Oregon Green Schools, Homepage:** While this program is designed for schools in Oregon, there is a lot to be taken away from their materials. Check out their waste audit experiments, curriculum, videos, newsletters, fieldtrips guides, and educational resources. There’s a reason Oregon is leading the way in sustainability initiatives!
<http://oregongreenschools.org/>
- **Portland Public Schools, “Building a Successful Green Team: A Heart-Centered Approach”:** An entire document organized with information for starting Green Teams, attributes of a good team, maintaining your team, choosing projects, etc. It is an essential guide for schools starting on a sustainable path!
http://www.pps.k12.or.us/files/facilities/Rc.doc.Building_a_Successful_Green_Team.032010.pdf
- **Portland Public Schools, Green Teams:** Tips and tricks for how to start a green team at your schools to help kick start a sustainability/recycling campaign.
<http://www.pps.k12.or.us/departments/facilities/3255.htm>
- **The Story of Stuff, Homepage:** This project started with how we make, use, and throw away all the stuff in our lives. Through its movies, programs, and campaigns learn how you can use less stuff and make a more sustainable world!
<http://storyofstuff.org/>

- **Teacher Vision, “Green” Activities & Classroom Resources:** A large gathering of environmentally focused resources! Includes activities, guides, lesson plans, and more. Topics range from minimizing pollution to protecting ecosystems to reduce, reuse, recycle behavior.
<https://www.teachervision.com/environmental-education/teaching-methods/63270.html>

VIDEOS

- **Brigham Young University, “What is Deforestation?”:** This great infographic video shows the negative effects of deforestation and how we, as individuals, can help solve it.
<https://www.youtube.com/watch?v=QoTSpodE73E>
- **GE Water & Process Technologies:** Beautiful infographic video that illustrates how much water it takes to create certain commodities in our world. It also wonderfully illustrates just how much usable water we have left on the planet right now and how much we consume as individuals.
https://www.youtube.com/watch?v=laJYq_Mfk7Q
- **How Stuff Works, “Recycling Aluminum”:** Get an inside look on how aluminum is recycled and created into new materials.
<https://www.youtube.com/watch?v=AOpGhAdQFEY>
- **Keep America Beautiful, “Journey: I want to be a bench”:** This plastic bottle didn’t want to be thrown away, it wanted to be a bench.
<https://www.youtube.com/watch?v=kVkfBHAWM4&list=PLehLdKw-RJnOsP4pJ9pvY5hJ2uVZjSZlB>
- **Landfill Harmonic, Teaser Trailer & Full Length Documentary:** These children from Paraguay create their own musical instruments from trash and travel the world playing in their landfill orchestra. “The world sends us garbage. We send back music.”
<https://www.youtube.com/watch?v=fXynrsrTKbl> (teaser trailer)
<https://www.youtube.com/watch?v=sJxxdQox7n0> (full length documentary)
- **National Geographic, “7 Billion”:** Explore what it means to have over a 7 billion people on this Earth through this incredible infographic video created for the 2011 year-long series about world population.
<https://www.youtube.com/watch?v=sc4HxPxNrZ0>
- **National Geographic, “Gyre: Creating Art From a Plastic Ocean”, Teaser Trailer & Full Length Documentary:** Artists and scientists travel to Alaska to see the impacts of plastic marine debris on the coastal environment.
<https://www.youtube.com/watch?v=XWa4W7xjNW8> (teaser trailer)
<https://www.youtube.com/watch?v=cr5m8b28eqA> (full length documentary)
- **NOAA, “TRASH TALK: What is the Great Pacific Garbage Patch?”:** Introductory video helping to explain to students what the Great Pacific Garbage Patch is and, more importantly, what it isn’t!
<https://www.youtube.com/watch?v=8wcApmHfSS0>
- **One World, Once Ocean Media Collection:** Videos, infographics, expeditions, gallery, ocean tool kit, sea creature game, etc. Tons of visual material that has a phenomenal impact for kids!
<http://www.oneworldocean.com/video>
- **One World, One Ocean, “Why the Ocean?”:** A fantastic infographic video explain why the ocean is important for our environment and for us.
<http://www.oneworldocean.com/pages/why-the-ocean>
- **Reading Rainbow, “How Trash is Recycled with LeVar Burton”:** Did you know that 70% of our trash can be recycled? Join Reading Rainbow as they explore a Materials Recovery Facility and see how all of the different commodities get recycled!
<https://www.youtube.com/watch?v=w1l8HXa3HLk>
- **Recycle Now Campaign, “Printer vs. The Bin”:** A printer is thrown into the garbage instead of being taken to a special electronics recycling center. A battle ensues!
<https://www.youtube.com/watch?v=CEg-u1T38LI&list=UUnHory35ZJQPXSy42xpiSjA>
- **YouTube EDU:** YouTube’s special education channel with hundreds of education-specific videos. On this part of their site there are no ads, no suggestion videos when viewing your video, and everything is educational. It is a great tool to use in the classroom!
<https://www.youtube.com/education>

GAMES & OTHER INTERACTIVE MATERIALS

- **Arizona Game & Fish, Box Rental:** These trunks contain a variety of tactile items, resources, and lessons. The best part is that they are absolutely free! Box varieties include: bats, bears, bighorn sheep, mammal bones, crayfish capture, elk, and felines.
http://www.azgfd.gov/index/e/ee/resources/bone_box/bb_index.shtml
- **Don't Trash Arizona, Kids Activities:** Teach kids how to dispose of trash appropriately with these fun activities! Includes a word search, crossword puzzle, fun maze, find the hidden pictures, word scramble, and PowerPoint lesson for your classroom!
<http://donttrashaz.com/kids/activities-for-kids/>
- **Environmental Protection Agency, "Planet Protectors Club for Kids":** As a Planet Protector, your mission is to improve the world around you by making less trash. To carry out this mission check out the fun activities and games!
<http://www.epa.gov/solidwaste/education/kids/planetprotectors/index.htm>
- **Environmental Protection Agency, "Recycle City":** One of the best interactive recycling games on the web! Explore the city to see how people reduce waste, use less energy, and save money by doing simple things at home, at work, and in their neighborhoods.
<http://www3.epa.gov/recyclecity/>
- **Gotham Gazette, The Garbage Game:** While developed for people in New York, this interactive game has students asking important questions and thinking about where their trash really goes.
<http://www.gothamgazette.com/index.php/city/1123-the-garbage-glut>
- **Nico the Ninja, "A Ninja's Quest to Save Energy":** Nico loves saving energy and natural resources so help him do just that by completing these fun activities and games. Brought to you by Save on Energy, complete with teacher instructions and a downloadable version.
<https://www.saveonenergy.com/kids-learning-center/saving-energy/>
- **ReCommunity, "Materials Recovery Facility Tour":** An interactive tour of the Materials Recovery Facility (MRF) where recyclables are processed. This type of plant and its processes is the one used by many Arizona cities.
<http://www.recommunity.com/virtual-mrf/>

AWARDS, GRANTS, SCHOLARSHIPS, & COMPETITIONS/FUNDRAISERS

- **American Forest & Paper Association, Paper Recycling Awards:** Both community and school awards are available for total volume paper recycled, creativity (unique and innovative successful paper recycling programs), participation (unique ways successful programs increased participation or tonnage), and partnerships (innovative partnerships used to promote increased recovery). Four winners in each category receive a cash prize and an original piece of framed artwork.
<http://www.paperrecycles.org/recycling-awards>
- **Arizona Forward, Environmental Excellence Awards:** Known as our "Academy Awards" of our environmental community! There are eight broad categories, including: Governor's Award for Arizona's Future, Buildings and Structures, Healthy Communities, Site Development, Art in Public Spaces, Energy and Technology Innovation, Environmental Education/Communication, SRP Award for Environmental Stewardship.
<http://www.valleyforward.org/events/47/>
- **Arizona State Parks, Grants Program:** Not only do our state parks offer grants, they also offer grant preparation workshops! Check out their project grants and trail maintenance program grants to see all of their opportunities.
<http://azstateparks.com/grants/index.html>
- **Can Manufacturers Institute's Great American Can Roundup:** An easy and fun way to raise money and help the environment! Your school can earn money by recycling aluminum beverage cans. The proceeds received from recycling can be used to purchase needed supplies for your school or can be donated to charity. You are also eligible for additional cash prizes for the larger competition between groups!
<http://www.cancentral.com/recycling-sustainability/programs-initiatives/great-american-can-roundup>

- **The Coca-Cola Foundation Keep America Beautiful Bin Grant Program:** A great program where you apply to get recycling bins (there are predetermined types) to use in your program or to start a program. You track their usage for a year and report back to the program.
<http://bingrant.org/apply-for-grant/>
- **Environmental Protection Agency's President's Environmental Youth Award:** There are two parts, a regional award for K-5 and a regional award for grades 6-12. Applications are due by December 31st. Regional panels will review applications and up to two winners will be selected. Groups of students can also apply.
<http://www2.epa.gov/education/presidents-environmental-youth-award>
- **Green Education Foundation, Green in Action Awards:** Granted to inspiring projects based on GEF's sustainability themes. Winners are those schools, classrooms, or youth groups who have demonstrated their commitment, creativity, or passion for sustainability in their application. Winners receive \$250.
<http://www.greeneducationfoundation.org/greenweek/contests/green-in-action-contest.html>
- **Home Depot, Community Impact Grants:** The Community Impact Grants programs are up to \$5,000 and are a great way to get some sustainable projects started on your campus, from installing recycling stations to building classroom gardens.
<http://homedepotfoundation.org/page/applying-for-a-grant>
- **Keep America Beautiful, Grants & Awards:** KAB has a number of grants and awards available, from small to large, and many of them are very easy to apply for! Check out all of the possibilities and apply for one this next school year!
http://www.kab.org/site/PageServer?pagename=grants_home
- **Keep America Beautiful, Recycle-Bowl Educational Resources:** Downloadable activities, technology activities, educator tool kits, background information, recycling trivia cards, recycling jeopardy, and more! Great tools for when your school decides to participate in the Recycle-Bowl competition!
<http://recycle-bowl.org/playbook/educational-resources/>
- **Lowe's, Grant Programs:** Lowe's offers a variety of grants including Toolbox for Education Grants, Lowe's Community Partners Grants, Hometown Grants, and Small Grants (less than \$2,000). Many schools have utilized their programs to create sustainable gardens at their schools or to complete other "green" projects!
<http://responsibility.lowes.com/apply-for-a-grant/>
- **Recyclebank, Green Schools Program:** Green schools with Recyclebank earn point through sustainability projects and those points get converted to monetary donations at the end of the year. To learn more about this program, check out their webpage! Currently a member of Recyclebank services on the AzRC board and is a fabulous resource for their programs!
<https://www.recyclebank.com/about-us/green-schools>
- **Terracycle:** This company has campaigns to collect items that are traditionally not recyclable in the blue bins, such as Capri Sun packets or pencils. You sign up to be on a brigade, you collect the items in the designated box they send you, and then you ship them back to Terracycle. From there they create new materials out of them and you are cut a check for what you collected! Best part: you can be as active as you like, there are no minimum collection requirements.
<http://www.terracycle.com/en-US>

EVENTS & CONFERENCES

- **America Recycles Day, Keep America Beautiful:** Every year on November 15th the country has the biggest singular celebration for recycling. You can host an event, take a pledge, and/or find local events around you to attend. Hop online for tool kits, news, resources, FAQ's, posters, presentations, etc.!
<http://americarecyclesday.org/>
- **Arizona Forward, Earthfest Educators Night:** Offered every year in October this night is free for all educators (K-12). It brings a plethora of environmental powerhouses under the same roof and it allows educators to check out all of their resources/programs at the same time. There are plenty of free giveaways plus the University of Phoenix offers full-tuition scholarships to Arizona teaches!
<http://www.valleyforward.org/events/50/>
- **Arizona State University, Julie Ann Wrigley Global Institute of Sustainability Events:** Check in frequently with this calendar to see what is happening. From film festivals to talks with influential people in the field, you never know what is going on at the Global Institute of Sustainability!

<https://sustainability.asu.edu/events/>

- **Arizona State University, Sustainability Solutions Festival:** Usually around February this festival is a great time to see what is happening in the world of sustainability and to network with individuals who are making an impact. There are film screenings, talks, symposiums, panel discussions, and more!
<https://sustainabilitysolutions.asu.edu/programs/solutionsfestival/>